Question Paper
ANMC Mock Test Class 7 - Fractions (Paper 3)

Exam ID : TEST/2024/01/05135056 Report Generation Date : 3/26/2024 3:01:28 PM

Q1: 6 1/5 + 5 1/3 + 4 1/2 = ?

A: 487/30

B: 481/30

C: 483/30

D: 485/30

Answer: B

Q2: 4/5 of 2/3 of 5/6 of 5/8 of 1008 is:

A: 240

B: 260

C: 320

D: 280

Answer: D

Q3: If one is added to the numerator of the fraction it becomes one. If one is added to the denominator of the fraction it becomes 1/3. The fraction is?

A: 4/5

B: 2/3

C: 1/2

D: 2/7

Answer: C

Q4: Evaluate the following: 5 1/4 ÷ (27)(1/3) - 7 3/4

A: 6

B: -6

C: 4

D: -4

Answer: B

Q5: Divide 3/10 by (1/4 of 9/5)

A: 3/2

B: 2/3

C: 5/6

D: 6/5

Answer: B

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Q6: In a colony of 450 members, 4/9 of the members are male members. Find the number of male members.

A: 250

B: 240

C: 200

D: 260

Answer: C

Q7: Give a simple fraction for 2.48

A: 62/25

B: 30/13

C: 25/11

D: 54/23

Answer: A

Q8: 9/5 of 7/4 of 5/6 of 4/9 of 252 is:

A: 248

B: 260

C: 294

D: 280

Answer: C

Q9: Which of the following is largest fraction amongst 15/16, 23/25, 12/13 and 14/15?

A: 23/25

B: 12/13

C: 15/16

D: 14/15

Answer: C

Q10: Kishan travels 292 km on one-fourth of his petrol tank. How far would he travel at the same rate with a full tank of petrol?

A: 1178 km

B: 1158 km

C: 1188 km

D: 1168 km

Answer: D

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Q11: Multiply the following fractions: 12 5/7 × 10 1/6

A: 5429/42

B: 5423/42

C: 5427/42

D: 5425/42

Answer: A

Q12: If a fraction’s denominator is decreased by 60% and numerator is increased by 150%, the fraction becomes 10/13. What is the fraction?

A: 9/65

B: 7/65

C: 11/65

D: 8/65

Answer: D

Q13: In a fraction the numerator is 5 less than the denominator. If six is added to the denominator the denominator of the resultant fraction is double the numerator. Find the fraction.

A: 13/18

B: 8/13

C: 12/17

D: 11/16

Answer: D

Q14: 8 1/3 + 9 1/4 – 6 1/2 =?

A: 131/12

B: 137/12

C: 139/12

D: 133/12

Answer: D

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Q15: A student was asked to multiply a number by 16/9 but he multiplied it with 9/16 and got an answer 175 less than the correct answer. Find the number.

A: 142

B: 144

C: 154

D: 156

Answer: B

Q16: If a fraction's denominator is decreased by 80% and numerator is increased by 140%, the fraction becomes 20/7. What is the fraction?

A: 5/21

B: 8/21

C: 2/7

D: 3/7

Answer: A

Q17: In a class of 60 students, one day 1/5 of the students were absent. Find the number of present students on that day.

A: 48

B: 52

C: 50

D: 45

Answer: A

Q18: 24 1/3 + 9 1/3 – 13 1/3 – 2/3 = ?

A: 59/3

B: 55/3

C: 56/3

D: 52/3

Answer: A

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Q19: If a fraction’s denominator is decreased by 20% and numerator is increased by 60%, the fraction becomes 6/5. What is the fraction?

A: 4/5

B: 1/5

C: 2/5

D: 3/5

Answer: D

Q20: A student was asked to multiply a number by 9/14 but he multiplied it with 14/9 and got an answer 57.5 more than the correct answer. Find the number.

A: 63

B: 59

C: 57

D: 65

Answer: A

Q21: Find the value of: 2/(10 1/5) – 2/(8 3/6) + 2/(7 2/7)

A: 5/17

B: 4/17

C: 2/17

D: 9/17

Answer: B

Q22: If (3x + 5)/2 = 6 then the value of x is:

A: 5/3

B: 4/3

C: 8/3

D: 7/3

Answer: D

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Q23: If a fraction’s denominator is decreased by 40% and numerator is increased by 40%, the fraction becomes 28/15. What is the fraction?

A: 2/5

B: 3/5

C: 4/5

D: 1/5

Answer: C

Q24: Multiply the following fractions: 28 5/7 × 9 1/3 × 7/67

A: 21

B: 24

C: 25

D: 28

Answer: D

Q25: A group of boys eats 5/8 of oranges on 1st day. On the 2nd day they eat 1/6 of the remainder. How many oranges were there initially if still 90 oranges are left?

A: 288

B: 280

C: 282

D: 285

Answer: A

Q26: A student was asked to multiply a number by 6/9. Instead, he divided it with 6/9 and got an answer 270 more than the correct answer. Find the number.

A: 320

B: 325

C: 328

D: 324

Answer: D

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Q27: 4 1/3 + 40 1/4 – 27 1/2 = ?

A: 205/12

B: 203/12

C: 209/12

D: 207/12

Answer: A

Q28: Evaluate the following: [18 1/6 ÷ (9/4)1/2] – [4 2/3 ÷ 5 1/3]

A: 813/72

B: 803/72

C: 815/72

D: 809/72

Answer: D

Q29: Solve: 30 5/6 × 12 3/5

A: 777/2

B: 775/2

C: 773/2

D: 779/2

Answer: A

Q30: If 15x – 4y = 26 and 3x = y, then x =?

A: 20/3

B: 26/3

C: 25/3

D: 22/3

Answer: B